Appl. No. :

10/614,680

Filed : July 3, 2003

AMENDMENTS TO THE SPECIFICATION

The attached new Abstract has been amended from the originally-filed Abstract as follows:

The present invention provides a continuous process for recovering acetone from a waste stream from an acetone purification stage[[5]], whereas said The waste stream comprises contains mesityl oxide and optionally acetone. The process for recovering acetone includes by separating the waste stream in a separating device at least in one stream containing comprising mesityl oxide and optionally a further stream containing comprising acetone, by than then concentrating mesityl oxide in the mesityl oxide containing stream, and finally by recycling the concentrated mesityl oxide stream to the separating device and bringing it into contact with a basic or acidic aqueous medium or with an acidic catalyst in the presence of water whereby mesityl oxide is at least partially hydrolyzed to acetone.